

Attorney Docket No.: M-11959 US
First Inventor: Cedric K. R. H Bouleau
Title: Dynamically Modifiable User Interface

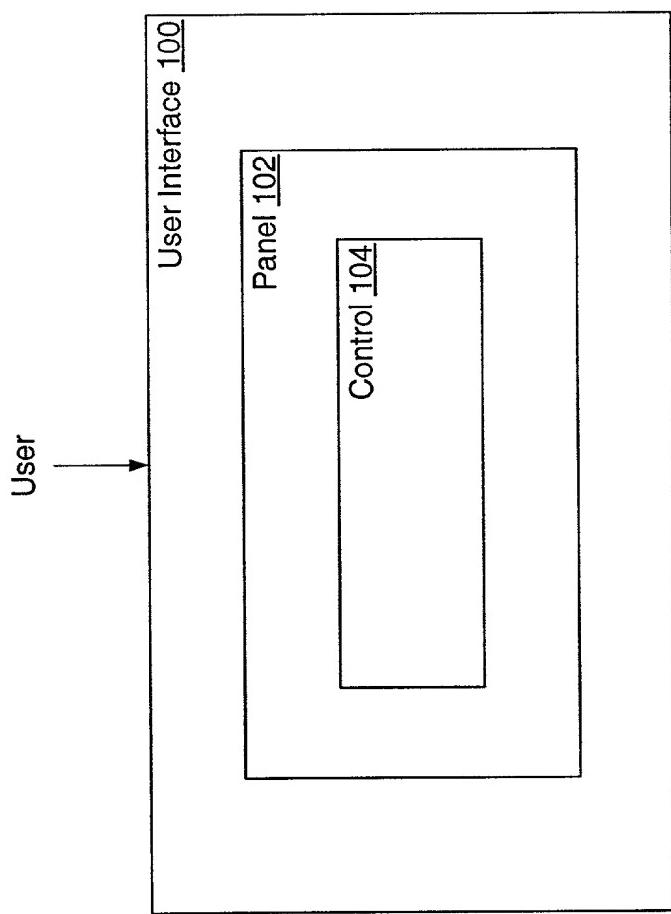


FIG. 1

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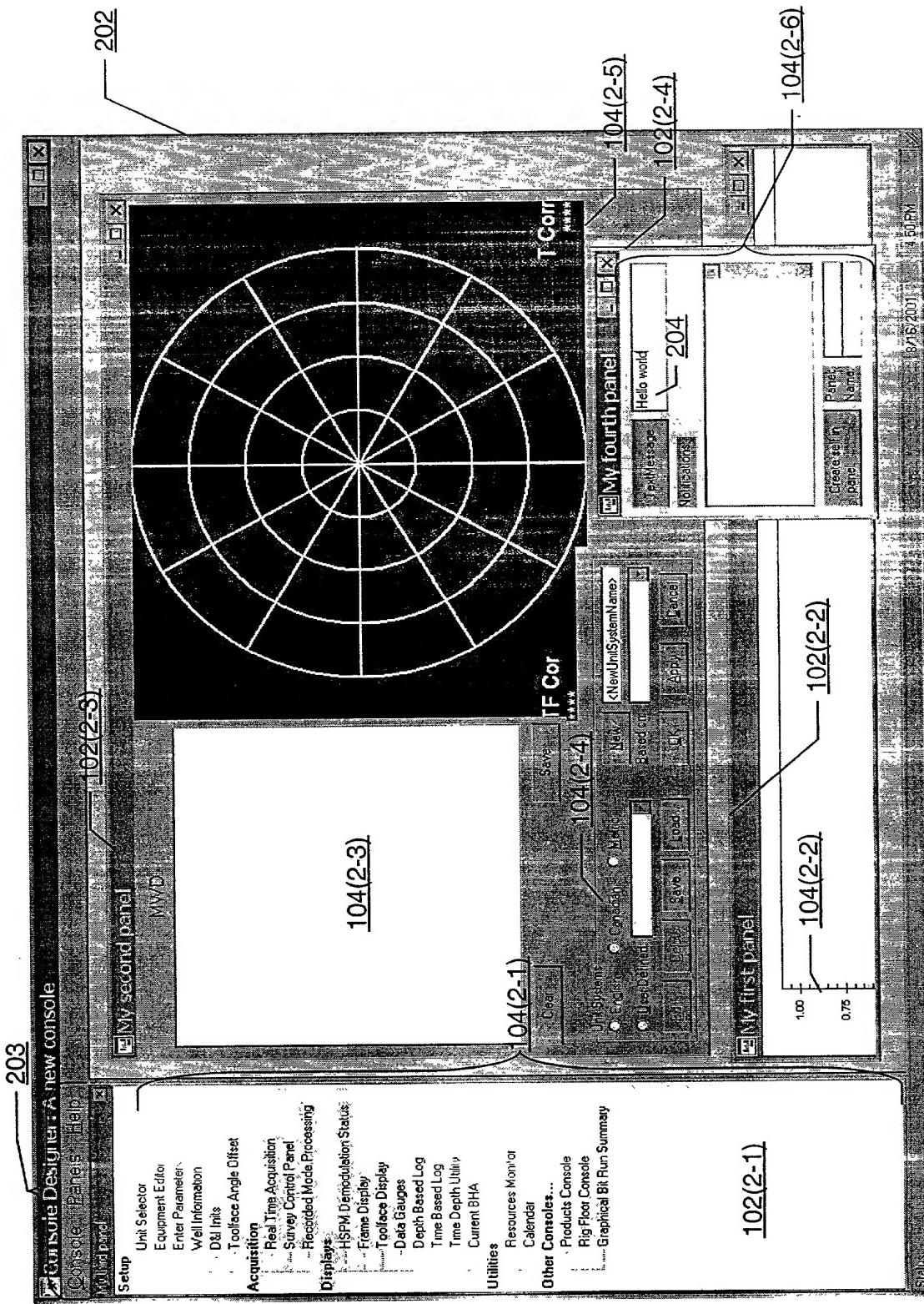


FIG 2

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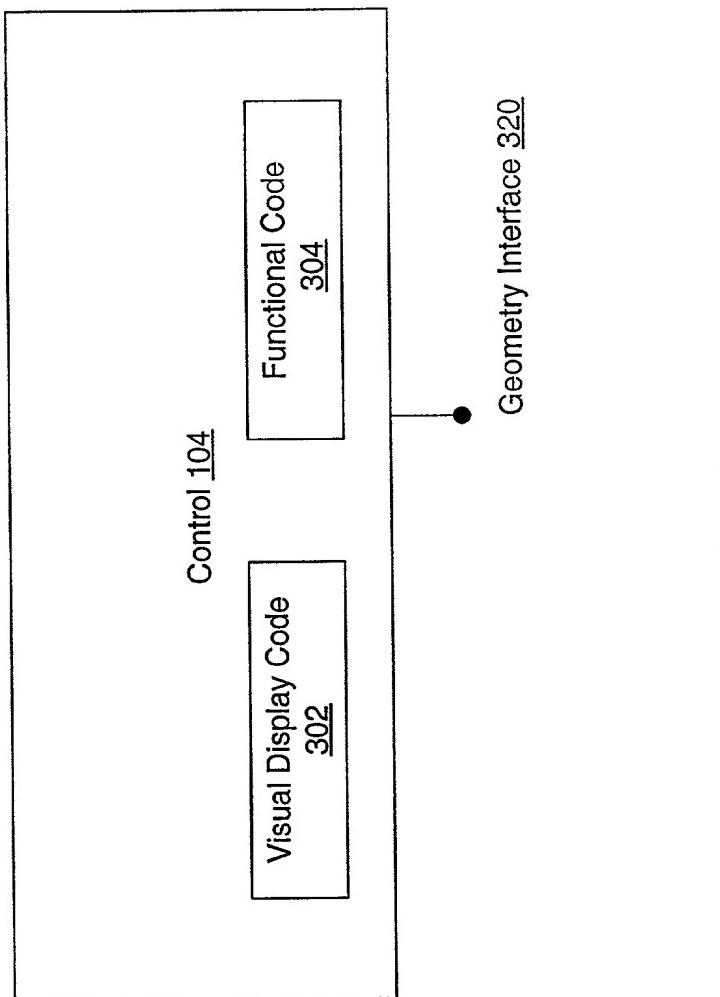


FIG. 3A

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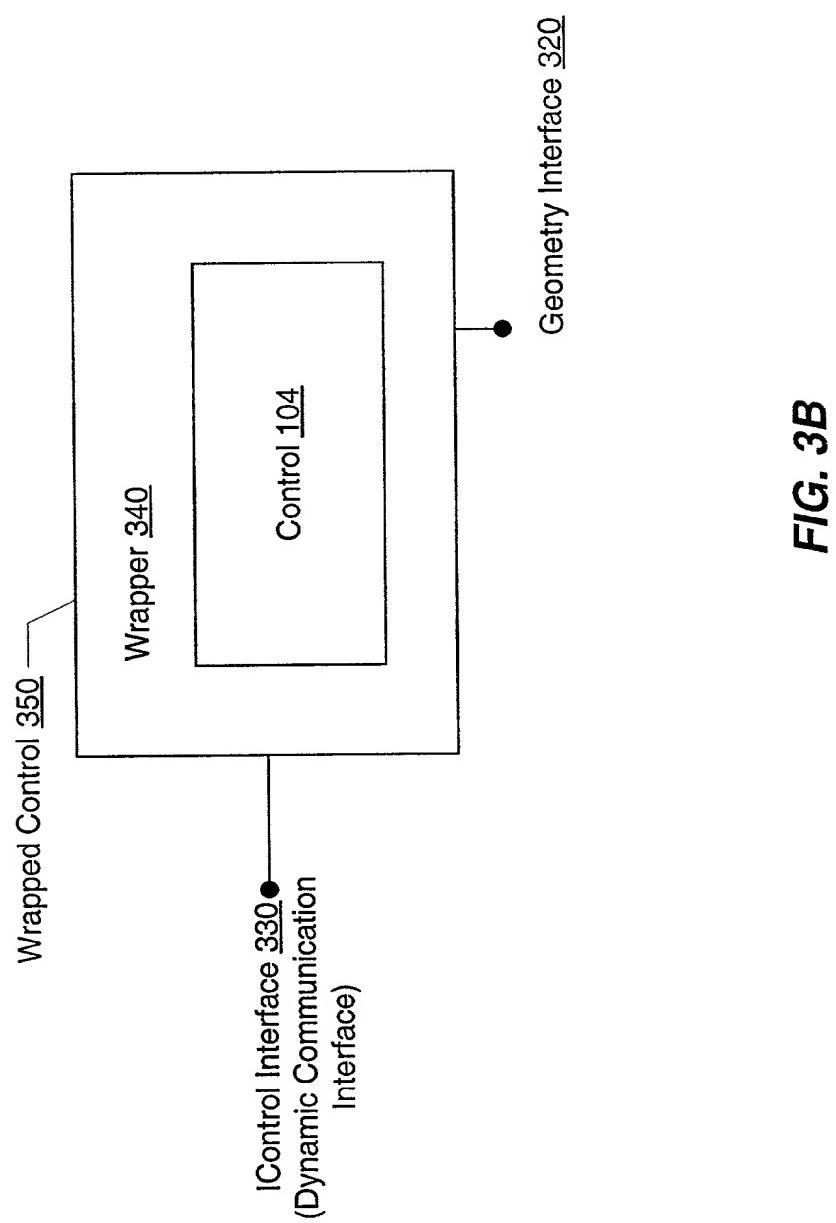


FIG. 3B

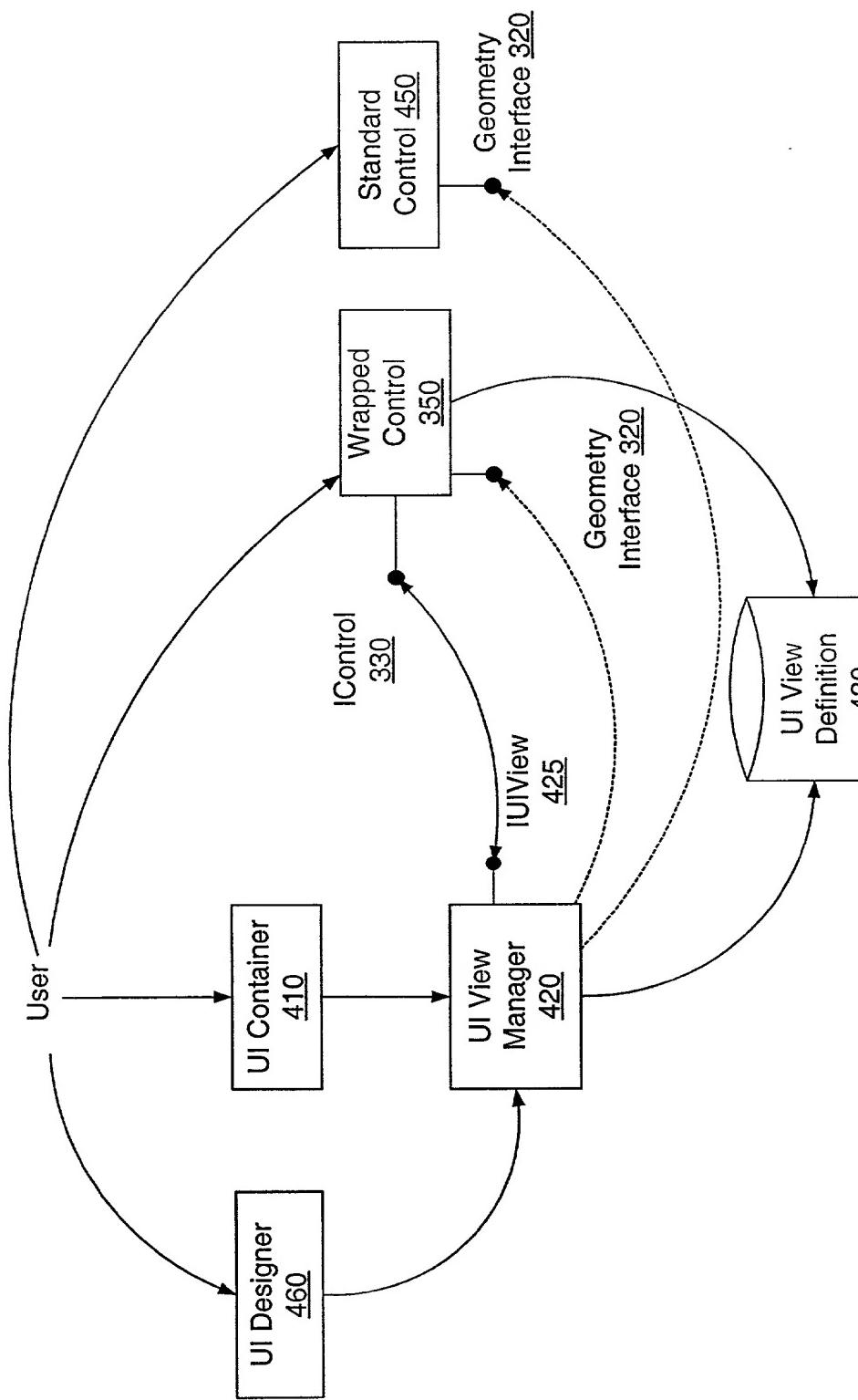


FIG. 4

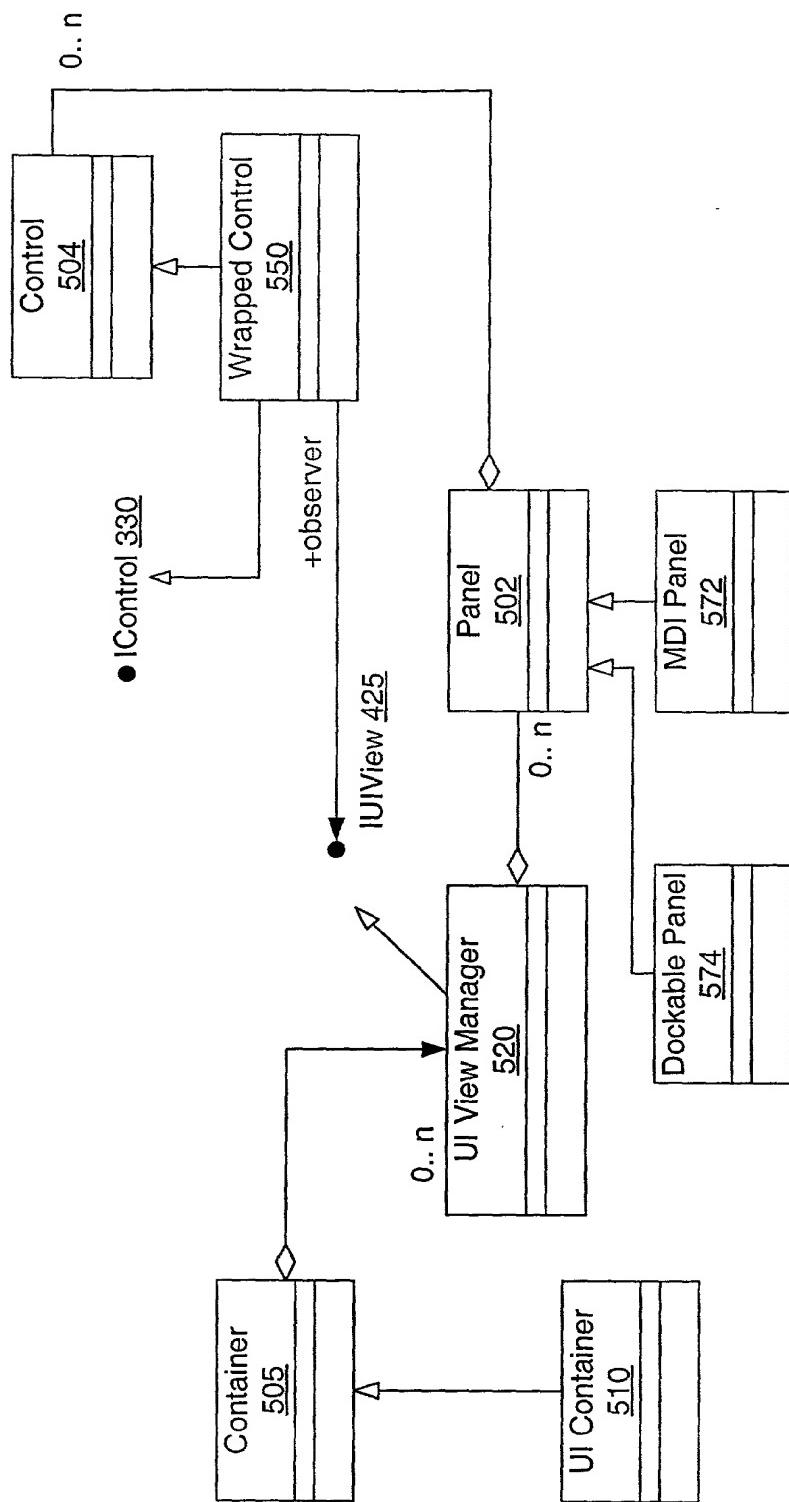


FIG. 5

- <View Name="A new console" Creator="Austin APC" Editable="1" ContainerLeft="3900" ContainerTop="615" ContainerWidth="16155" ContainerHeight="11745"> — 604

- <Panel Name="Messages" Properties="550" MdiTop="300" Visible="0" DockingState="0" MdiLeft="30" MdiWidth="1410" MdiHeight="10620" MdiState="0" DockingSite="3" DockingStrip="1" DockingPosition="3" DockingWidth="1500" DockingHeight="10950" DockingTitleStyle="2" FloatingTop="0" FloatingLeft="0" FloatingWidth="8070" FloatingHeight="6945"> — 610

<Control Name="Messages" ProgID="S1bMessageCtrl.MessageCtrl" Top="0" Left="0" />

</Panel> — 612

- <Panel Name="My first panel" Properties="9" Visible="1" DockingState="0" MdiTop="8355" MdiLeft="135" MdiWidth="12690" MdiHeight="1950" MdiState="0" DockingSite="3" DockingStrip="1" DockingPosition="1" DockingWidth="1500" DockingHeight="3000" DockingTitleStyle="2" FloatingTop="750" FloatingLeft="750" FloatingWidth="11850" FloatingHeight="9240"> — 620

- <Control Name="Time depth utility" ProgID="TimeDepthUtility.S1bTimeDepthUtility" Top="0" Left="0" /> — 622

<Properties /> — 623

</Control> —

</Panel> —

- <Panel Name="My third panel" Properties="103" Visible="1" DockingState="0" MdiTop="300" MdiLeft="30" MdiWidth="2925" MdiHeight="10350" MdiState="0" DockingSite="3" DockingStrip="1" DockingPosition="1" DockingWidth="3015" DockingHeight="10680" DockingTitleStyle="1" FloatingTop="1500" FloatingLeft="1500" FloatingWidth="11850" FloatingHeight="9240"> — 630

- <Control Name="DDDDirect Tasks List" ProgID="S1bDDDTasks.S1bDDDTasksCtrl" Top="0" Left="0" /> — 632

<Properties /> — 633

</Control> —

</Panel> — 602

- <Panel Name="My second panel" Properties="9" Visible="1" DockingState="0" MdiTop="240" MdiLeft="225" MdiWidth="12015" MdiHeight="7845" MdiState="0" DockingSite="3" DockingStrip="1" DockingPosition="1" DockingWidth="1500" DockingHeight="3000" DockingTitleStyle="2" FloatingTop="3375" FloatingLeft="3375" FloatingWidth="8835" FloatingHeight="9240"> — 640

- <Control Name="MWD Frame Display" ProgID="S1bFrameDisplay.MWDFrameDisplay" Top="0" Left="0" /> — 642

<Properties /> — 643

</Control> —

- <Control Name="Unit Selector" ProgID="UnitSystemSelector.UnitSystemSelectCtl" Top="5760" Left="30" /> — 644

<Properties /> — 645

</Control> —

- <Control Name="Toolface" ProgID="Toolface.ToolfaceUserControl" Top="-8" Left="4612" /> — 646

<Properties /> — 647

</Control> —

</Panel> —

- <Panel Name="My fourth panel" Properties="41" Visible="1" DockingState="0" MdiTop="6615" MdiLeft="7665" MdiWidth="3780" MdiHeight="3735" MdiState="0" DockingSite="3" DockingStrip="1" DockingPosition="1" DockingWidth="1500" DockingHeight="3000" DockingTitleStyle="2" FloatingTop="3375" FloatingLeft="3375" FloatingWidth="9585" FloatingHeight="7245"> — 650

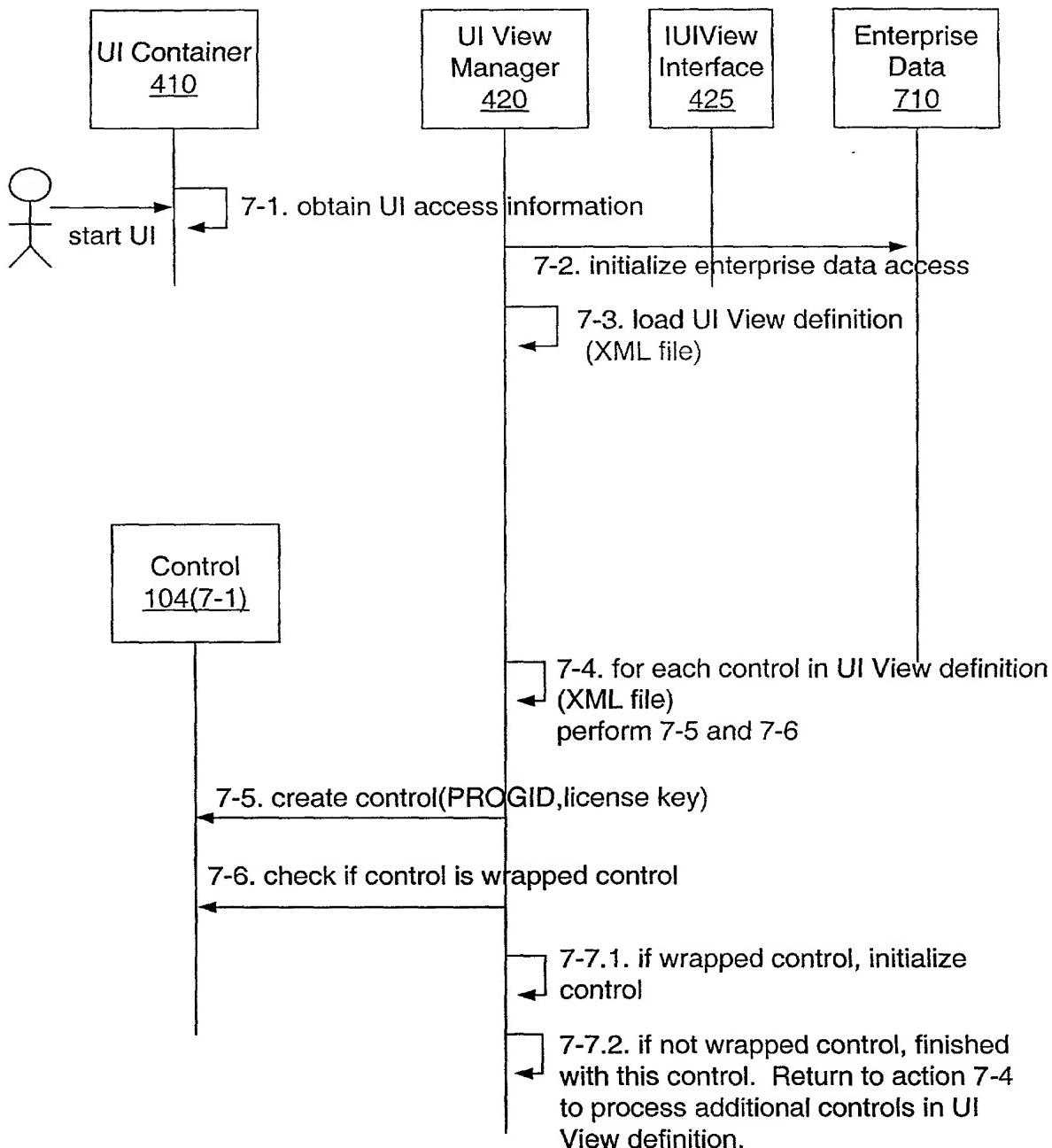
- <Control Name="IS1bControl Tester" ProgID="IS1bControlTester.S1bIS1bControlTester" Top="0" Left="0" /> — 652

<Properties Message="Hello world" /> — 653

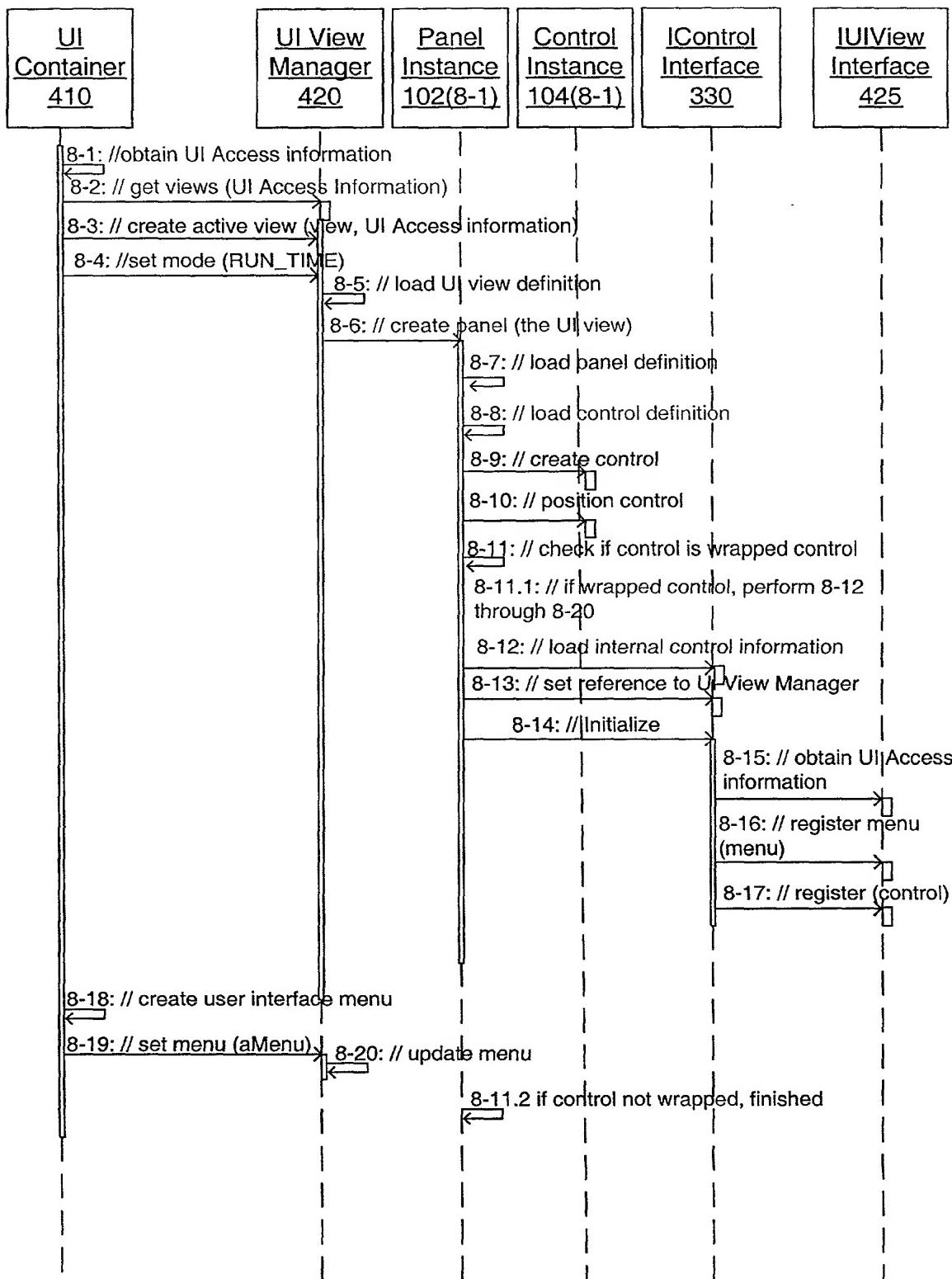
</Control> —

</Panel> —

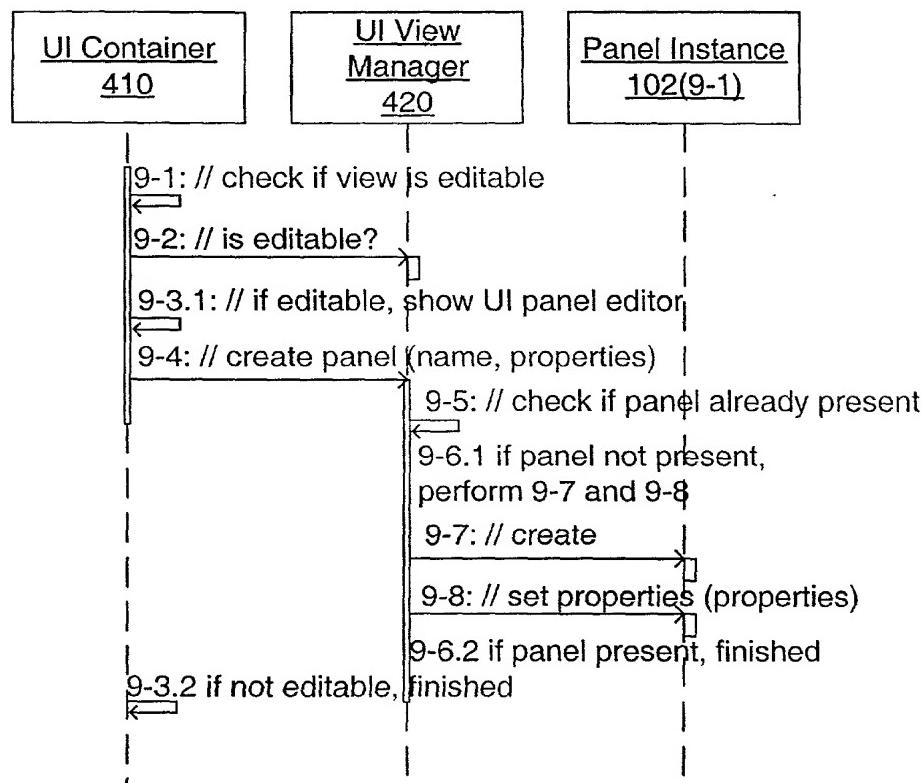
</View> —



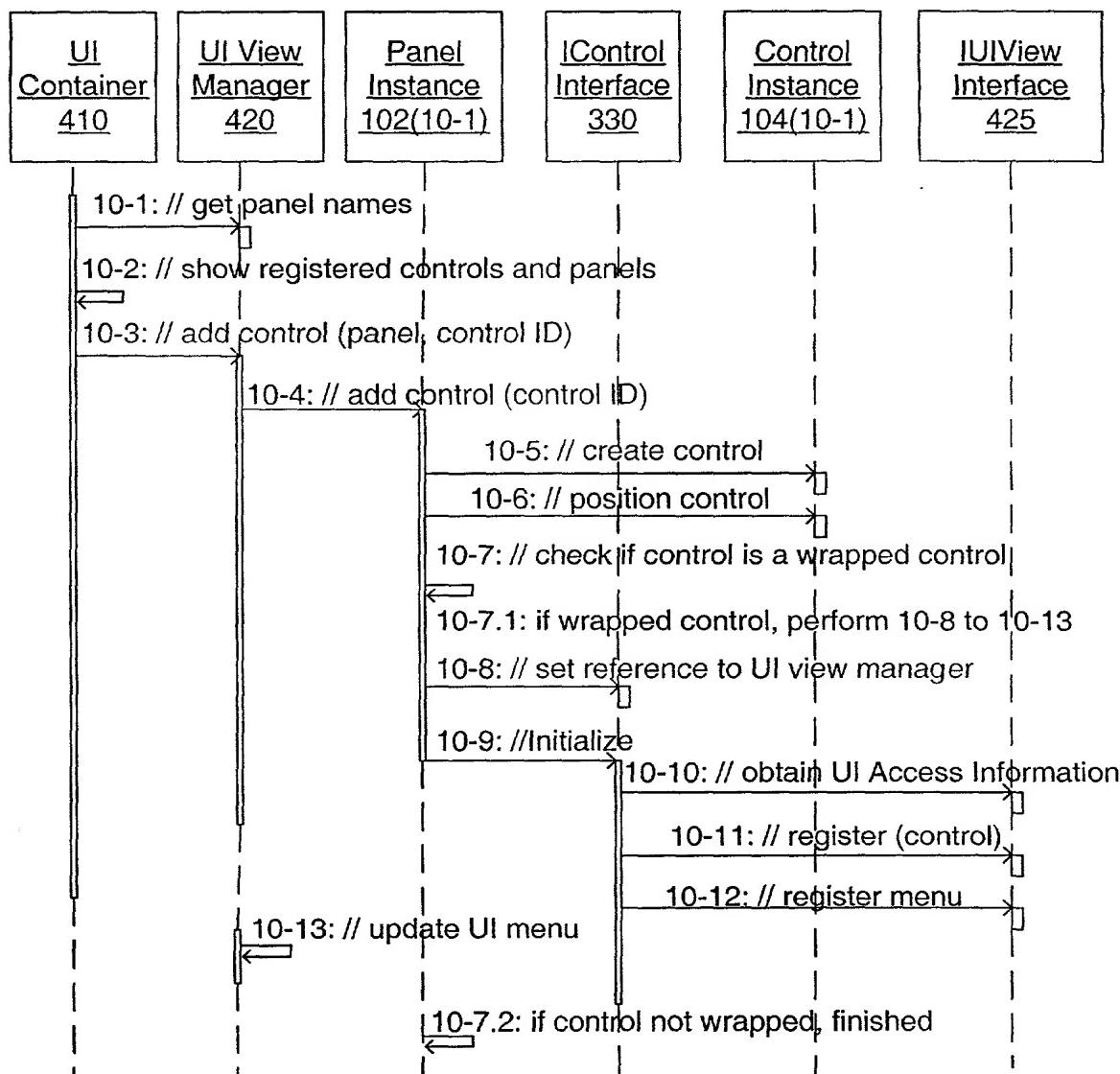
Initializing the Dynamic User Interface
FIG. 7



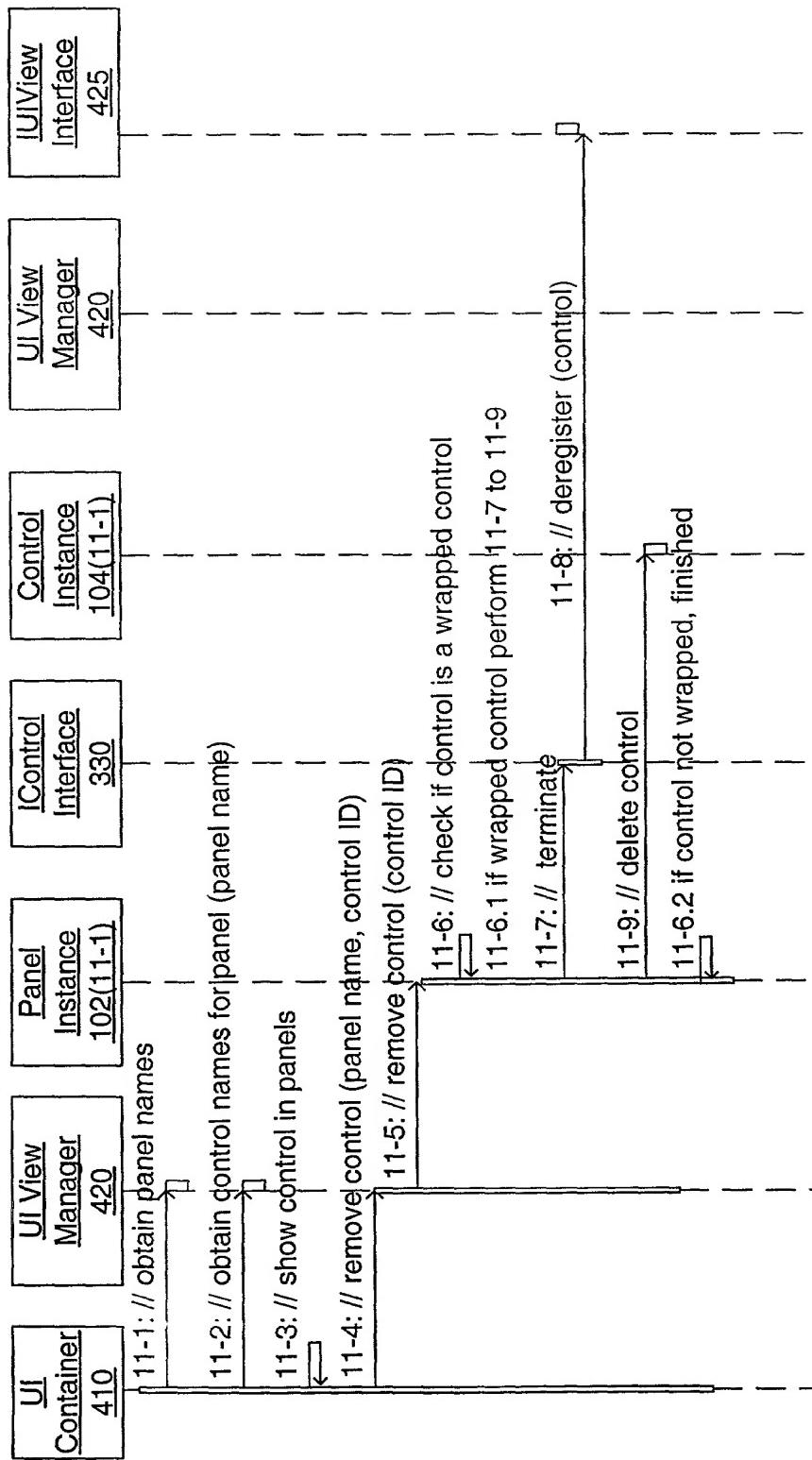
Starting a Container for the Dynamic User Interface
FIG. 8



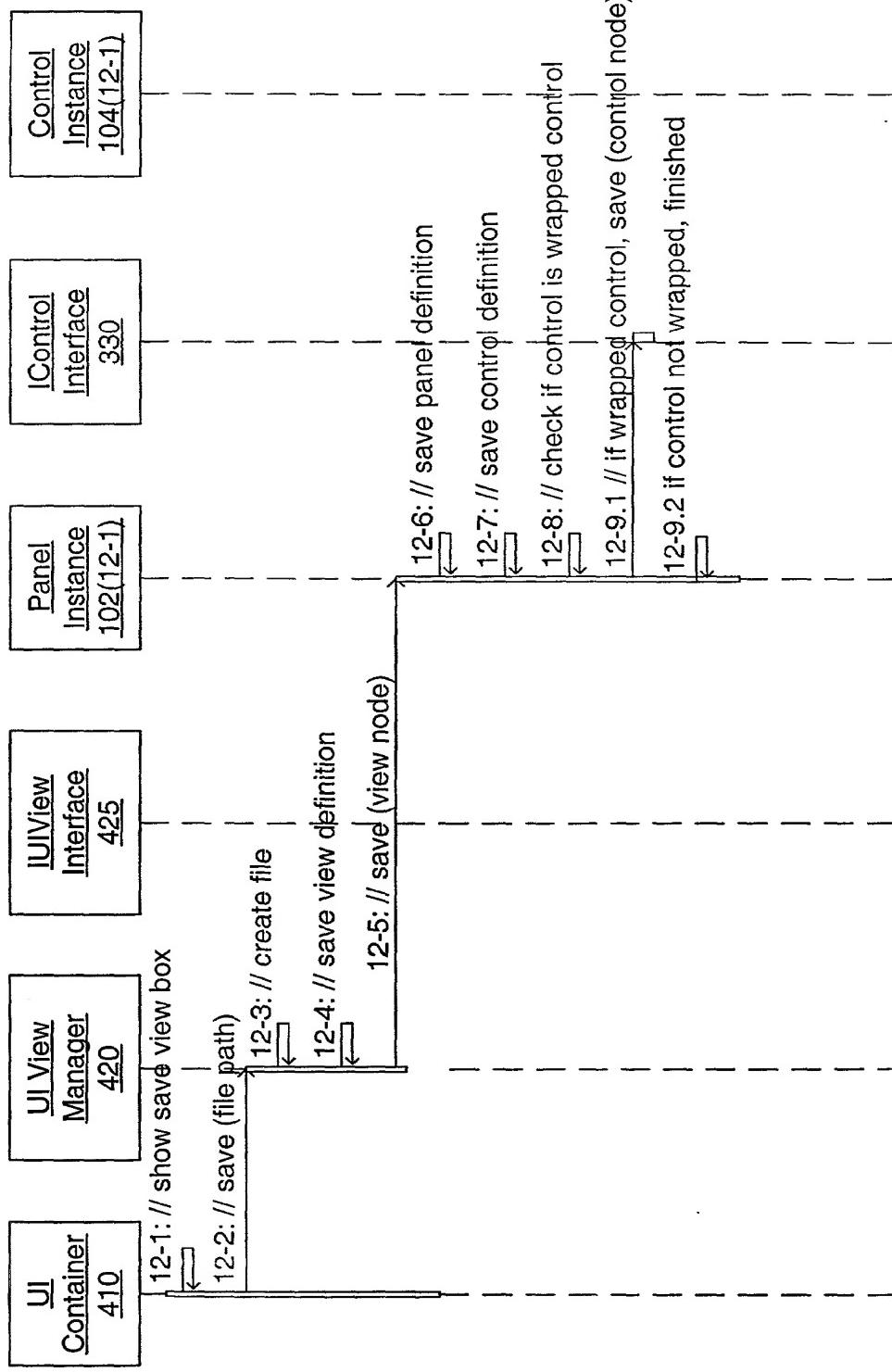
Adding a Panel
FIG. 9



Adding a Control to an Existing Panel
FIG. 10

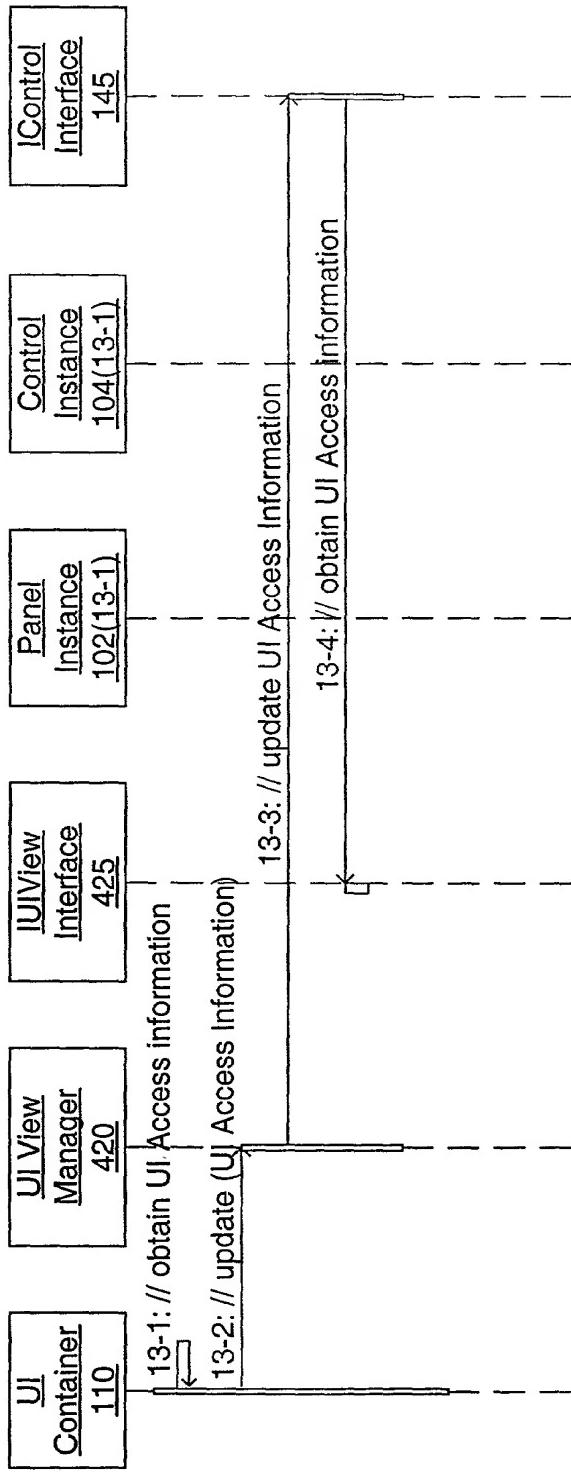


Removing a Control from a Panel
FIG. 11

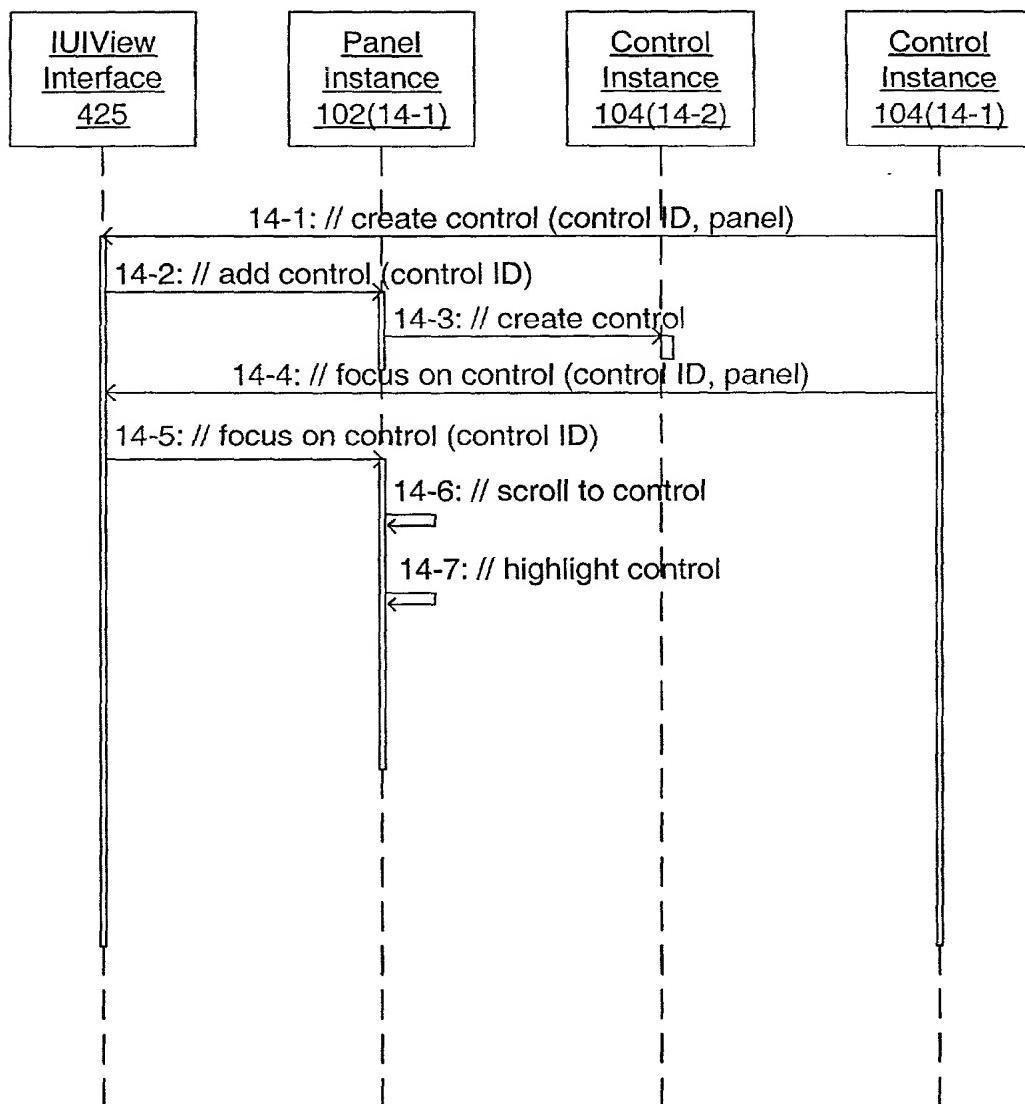


Saving a View
FIG. 12

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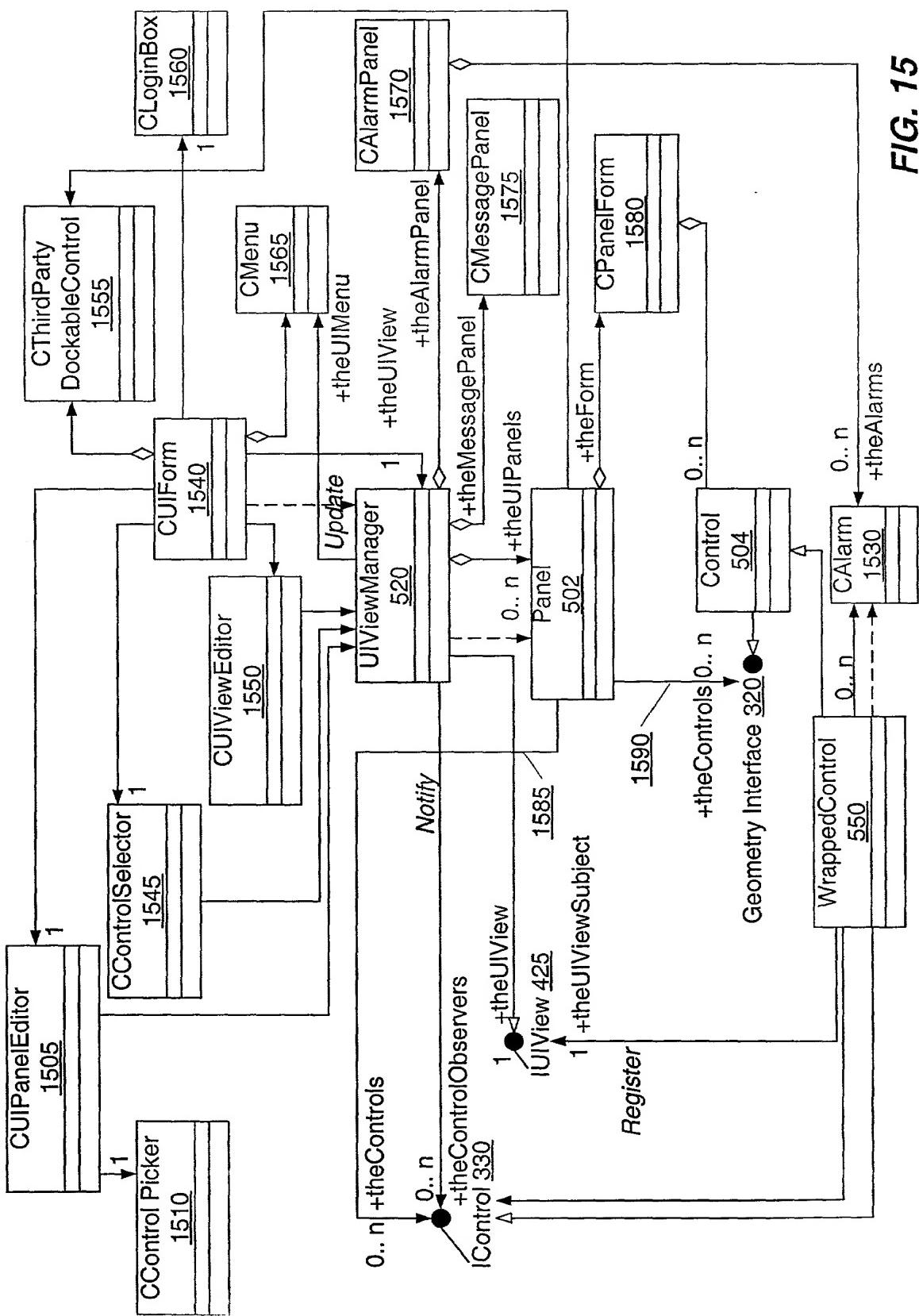


Notification of Controls
FIG. 13



One Control Creating Another Control
FIG. 14

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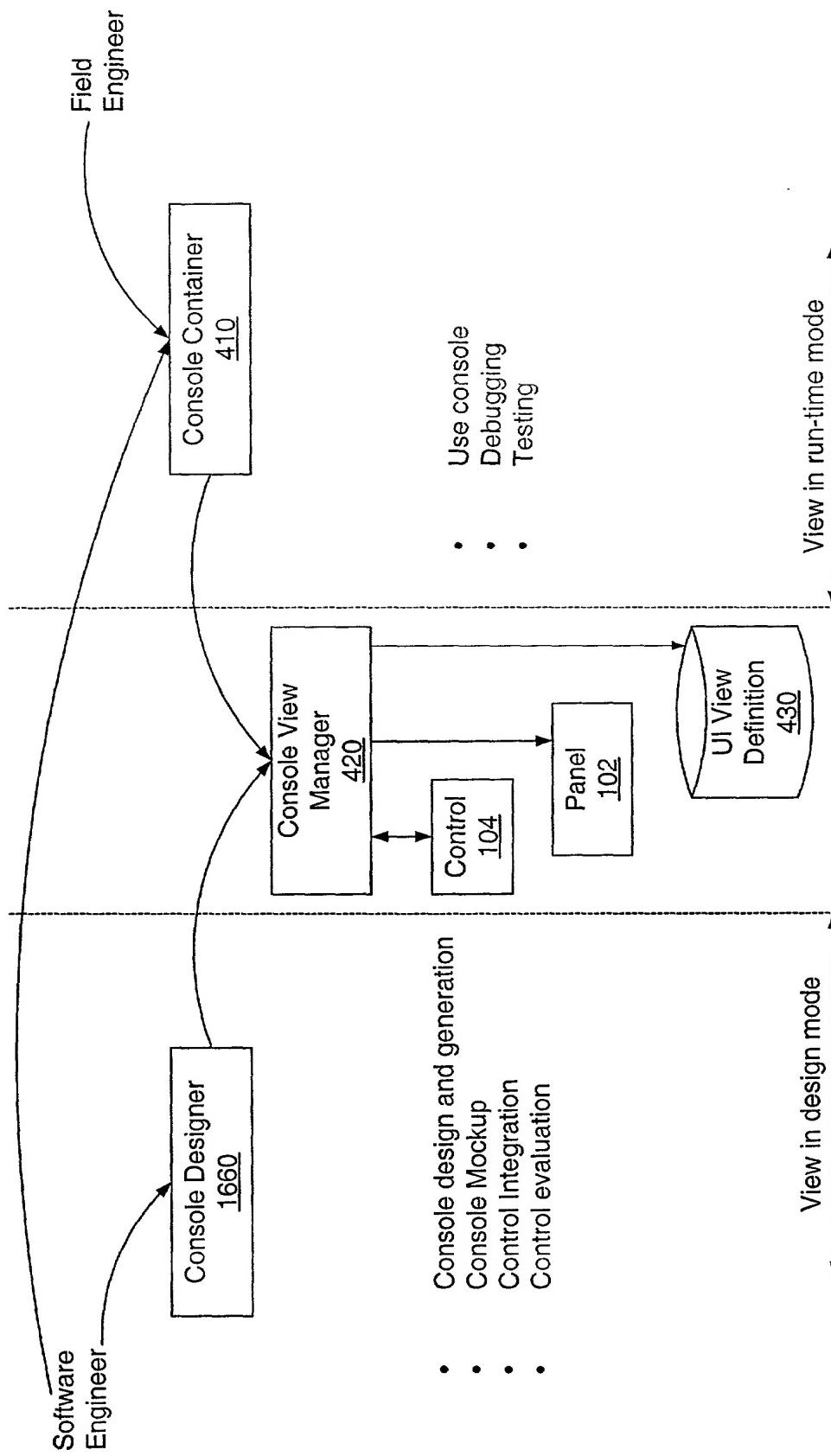


FIG. 16

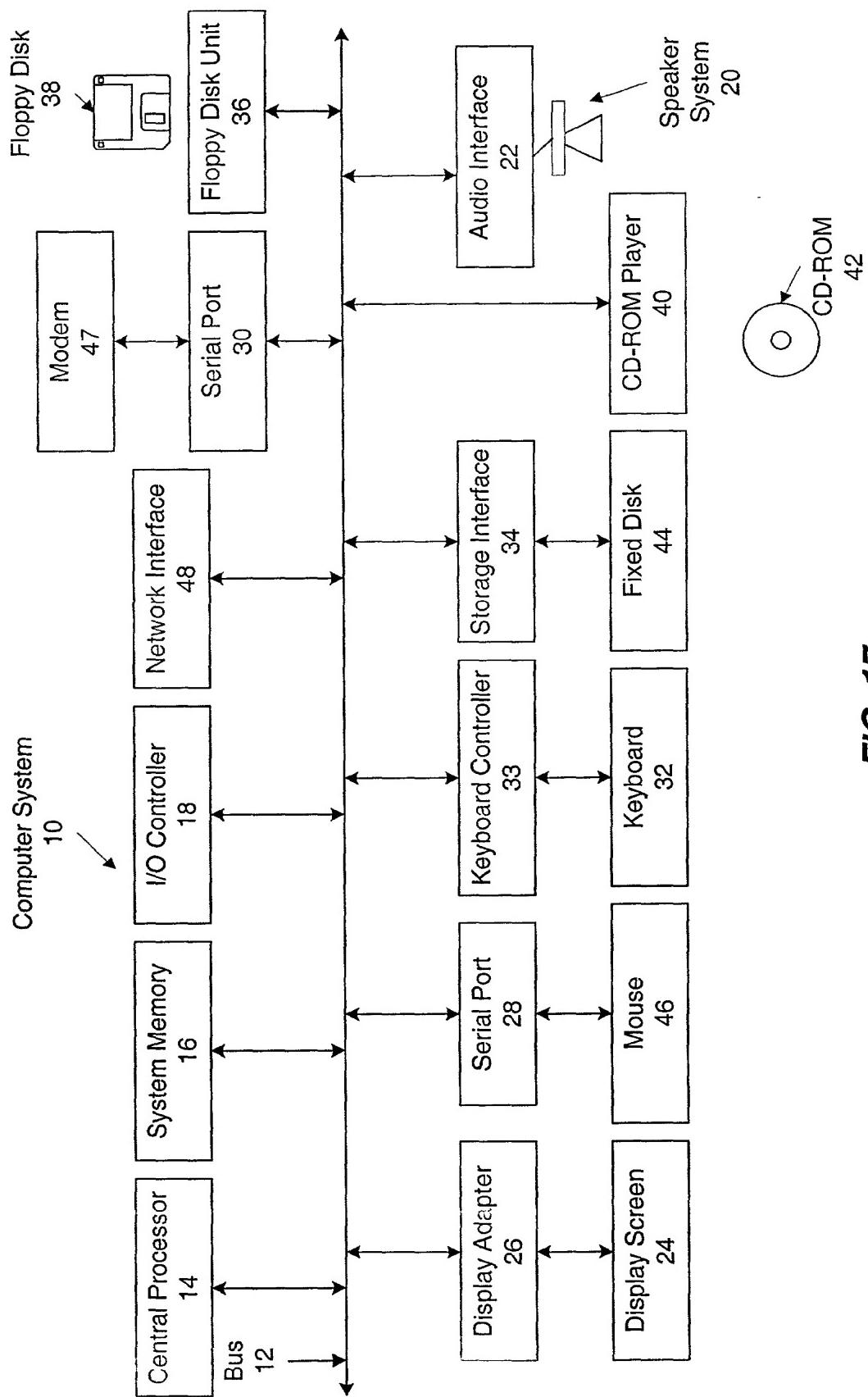


FIG. 17